

Title (en)

METHOD AND SYSTEM FOR FACILITATING ESTABLISHMENT OF AN IP-LINK IN A TELECOMMUNICATIONS SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUR ERMÖGLICHUNG DER HERSTELLUNG EINER IP-VERBINDUNG IN EINEM TELEKOMMUNIKATIONSSYSTEM

Title (fr)

PROCÉDÉ ET SYSTÈME DESTINÉS À FACILITER L'ÉTABLISSEMENT D'UNE LIAISON IP DANS UN SYSTÈME DE TÉLÉCOMMUNICATION

Publication

EP 1977579 A1 20081008 (EN)

Application

EP 05823912 A 20051227

Priority

EP 2005014071 W 20051227

Abstract (en)

[origin: WO2007073760A1] A telecommunications system comprises a mobile station 3 connected to a mobile switching centre (MSC) 5 over an air interface 7. The mobile switching centre (MSC) 5 is connected to a service control point (SCP) 9. The mobile switching center (MSC) 5 is arranged to set up a call with a destination subscriber unit 13 via a public switched telephone network (PSTN) 15. An IP-based communication link between the service control point (SCP) 9 and the destination subscriber unit 13 is established as follows. During a call set-up procedure between the calling subscriber (mobile station 3) and the destination subscriber unit 13, the IP address of the required service (i.e. of the relevant service control point 9) is transmitted to the destination subscriber unit 13 via the MSC 5 by means of a circuit switched protocol. Alternatively the IP address of the destination subscriber unit 13 is transmitted to the mobile switching center (MSC) 5 in a signaling message relating to a connect procedure, towards the SCP 9 of the calling party. The transfer of the IP address between the service control point (SCP) 9 and the destination subscriber unit 13 facilitates IP based communication to take place directly between the service control point (SCP) 9 and the destination subscriber unit 13, initiated either by the service control point (9) or the destination subscriber unit (13).

IPC 8 full level

H04L 29/06 (2006.01); **H04Q 3/00** (2006.01)

CPC (source: EP US)

H04L 9/40 (2022.05 - US); **H04L 61/106** (2013.01 - EP US); **H04L 65/1069** (2013.01 - EP); **H04L 61/4535** (2022.05 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007073760 A1 20070705; EP 1977579 A1 20081008; US 2009046705 A1 20090219

DOCDB simple family (application)

EP 2005014071 W 20051227; EP 05823912 A 20051227; US 15891608 A 20080904